

LLANDRINDOD WELLS URBAN DISTRICT COUNCIL.

Town Hall,

LLANDRINDOD WELLS.

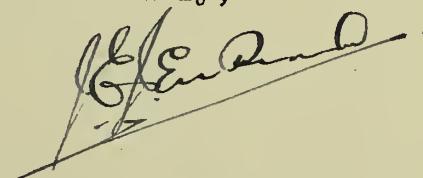
23rd October, 1950.

To The Chairman and Members,

I have pleasure in submitting for your consideration the report on the Sanitary conditions and Vital Statistics of the Urban District for the year 1949.

This report is prepared in accordance with the instructions issued by the Ministry of Health and presents briefly the scope of the activities of the Health Department.

Yours faithfully,

A handwritten signature in dark ink, appearing to be 'G. E. ...', written over a horizontal line.

Medical Officer of Health.

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LLANDRINDOD WELLS URBAN DISTRICT COUNCIL.
ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1949.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

| | | |
|---|-------|---|
| Area of District | ... | 1509 acres. |
| Registrar General's Estimate of Resident Population. Mid.1949 | ... | 3438 persons |
| No. of Inhabited houses at the end of year (including Flats) | ... | 999 (an addition of 37 in 12 months) |
| Rateable Value - 31st December, 1949 | ... | £24684. |
| Product of a Penny Rate | | £96 |

NATURAL AND SOCIAL CONDITIONS.

The natural conditions of the town have previously been reported on and its healthy and congenial situation and climatological conditions stressed.

The climatological conditions of 1949 were as under.

| | | |
|-----------------------------|-----|---------------|
| Total Rainfall | ... | 34.52 inches. |
| Total Sunshine | ... | 1510 hours. |
| Highest Maximum Temperature | ... | 85°F |
| Average Maximum Temperature | ... | 55°F |
| Lowest Minimum Temperature | ... | 17°F |
| Average Minimum Temperature | ... | 43.2°F |

The year was remarkably sunny and would be the sunniest year since records were taken.

Rainfall was below average and the winter of the year was open and mild with snow recorded only on 5 days.

No illnesses were traceable to being caused by dried up water courses or pools caused by the dry summer and although the hot weather brought about large infestations of flies no illness directly attributable to these became known.

OCCUPATIONS. The report on the years 1947 and 1948 in respect of the occupations of the town can be repeated; the changes of the occupation of the town from that solely in connection with the Health and Holiday Resort with small resident population is still proceeding and the occupations in the Distributive Trades, Professions, Public Administration, Building Trades, Agriculture, Gas, Water and Electricity are now predominant.

The numbers of retired persons coming to reside in the town is gradually increasing and is now much higher than immediately pre 1939.

The holiday season of 1949 was good and the number of visitors to the town was much greater than the previous year. Specially noticeable was a large increase in the day visitors from the South Wales districts and the midlands.

There was no noticeable distress in the district and full employment of all able bodied employable people was continued.

Housing conditions again improved and the gradual re-distribtuion of families into more suitable accommodation in houses and flats continued.

The occupation of a further 17 Council Houses principally by families with children who were previously in flat dwellings helped the difficulties experienced by young families in flat occupation.

The conversion of further small boarding houses into flats, 20 being added during the year, provided further accommodation for retired persons and others in need of housing.

TABLE 1.

VITAL STATISTICS OF THE DISTRICT DURING 1949.

| | | Total. | Male. | Female. |
|--------------|----------------|--------|-------|---------|
| Live Births | { Legitimate | 53 | 30 | 23 |
| | { Illegitimate | 3 | 2 | 1 |
| Still Births | ... | 3 | 1 | 2 |
| | | 59 | 33 | 26 |

Birth rate per 1000 of the estimated population:-

| | | | |
|--------------|-----|-----|-------|
| Live Births | ... | ... | 16.25 |
| Still Births | ... | ... | 0.87 |

DEATHS.

| | | Total | Male. | Female. |
|---------------|-----|-------|-------|---------|
| No. of Deaths | ... | 46 | 17 | 29 |

The death rate per 1000 of the estimated resident population is:-
13.38

| | | |
|----------------------------------|-----|-----|
| Deaths from Puerperal Causes | ... | Nil |
| Death rate from Puerperal Causes | ... | Nil |

Death rate of Infants under one year of age:-

| | | | | |
|--|-----|-----|-----|-------|
| Infant deaths under one year | ... | ... | ... | 3 |
| All infants per 1000 live births. | ... | ... | ... | 53.57 |
| Legitimate Infants per 1000 legitimate births | ... | ... | ... | 56.75 |
| Illegitimate Infants per 1000 illegitimate live births | ... | ... | ... | Nil |
| Death from Child Birth | ... | ... | ... | Nil |
| Deaths from Cancer (all ages) | ... | ... | ... | 6 |
| Deaths from measles (all ages) | ... | ... | ... | Nil |
| Deaths from Whhooping Cough (all ages) | ... | ... | ... | Nil |
| Deaths from Diarrhoea (under 2 years of age) | ... | ... | ... | 1 |

There was no unusual excessive mortality during the year neither was there any sickness or invalidity of note.

TABLE 2.

CAUSES OF DEATH.

| Causes of Death | M. | F. |
|----------------------------------|-----|----|
| All causes | 17 | 29 |
| 1. Typhoid and Paratyphoid Fever | Nil | |
| 2. Measles. | Nil | |
| 3. Scarlet Fever. | Nil | |
| 4. Whooping Cough. | Nil | |
| 5. Diphtheria. | Nil | |

| Causes of Death. | M. | F. |
|--|----|------|
| 6. Influenza. | | Nil |
| 7. Encephalis Lethargia | | Nil |
| 8. Cerebo Spinal Fever | | Nil |
| 9. Respiratory Tuberculosis | | Nil |
| 10. Other Tuberculosis Diseases. | | Nil. |
| 11. Syphillis | | Nil |
| 12. General Paralysis of Insane Taber Dorsalis | | Nil |
| 13. Cancer Malignant Disease | 1 | 5 |
| 14. Diabetes. | | Nil |
| 15. Cereberal Haemorrhage. | | Nil |
| 16. HeartDisease | 4 | 8 |
| 17. Aneuryson | | Nil |
| 18. Other Circulatory Diseases. | 2 | 1 |
| 19. Bronchitis. | 1 | 2 |
| 20. Pneumonia (all forms) | - | 2 |
| 21. Other Respiratory Diseases | | Nil |
| 22. Peptic Ulcer | | Nil |
| 23. Cirrhosis of Liver | | Nil |
| 24. Other Disease of Liver | | Nil |
| 25. Other Digestive Disease and Diarrhoea | 1 | - |
| 26. Acute and Chronic Neuphritis | 2 | - |
| 27. Puerperal Sepsis | | Nil |
| 28. Other Puerperal Causes | | Nil |
| 29. Congenital debility, premature birth, malformations etc. | 2 | - |
| 30. Senility | | Nil |
| 31. Suicide. | | Nil |
| 32. Other violence | - | 1 |
| 33. Intercranial Vascular Lesions | 4 | 8 |
| 34. Other undefined diseases. | - | 2 |

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

1. Public Officers:-

Medical Officer of Health (Part-Time)
J. Emrys Jenkins, M.A., B.M., B.Ch.,
Sanitary Inspector (Part-Time)
R. J. Morris, A.R.I.C.S., M.R.S.I., Cert.S.I.
Assistant Sanitary Inspector (Part-Time)
L. Allen, A.S.I.A., Cert.S.I.

2. Laboratory Facilities. The examination and analysis of water, milk and food stuffs are carried out by the Public Analyst of the County Laboratories, Carmarthen. Analyst: H. J. Evans.

3. Health Services. The following services are carried out by the Radnorshire County Council under the National Health Service Act, 1946, as detailed in the proposals approved by the Welsh Board of Health.

(1) Maternity and Child Welfare. (2) Clinics. (3) Dental care for expectant and nursing mothers and young children together with School Dental Service. (4) Midwives Service delegated to the Radnorshire County Nursing Association. (5) Health Visiting delegated to the Radnorshire County Nursing Association. (6) Home Nursing delegated to the Radnorshire County Nursing Association. (7) Vaccination and Immunisation of children under five and of school age is carried out by Registered Medical Practitioners of the parents' choice or by the County Medical Officer.

The County Health Department paying the appropriate fees to the Medical Practitioner.

The vaccination of adults is carried out by Registered Medical Practitioners.

(8) Ambulance Service.

Prevention of Illness, Care and After Care of persons suffering from tuberculosis, mental illness or defectiveness and other types of illness is organised under the aegis of the County Health Committee.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY. No difficulties on water supplies occurred throughout the year, the supply was plentiful both from the private Doldowlodd Estate Supply and the Town Supply.

The Doldowlodd Estate supply which serves 18 houses was both adequate and pure.

The Town Supply administered by the Council and the source of which is the River Ithon was efficiently maintained and the purification by mechanical filtration and chlorination was entirely satisfactory as shown by the tabulation of analysts reports attached herewith.

The injection of soda ash, commenced in 1948, was continued and the ph value of the water in supply retained at a neutral value throughout the year.

The maintenance of service reservoirs was efficiently done, and the necessary cleansing carried out.

A short extension of a water main was required for the Council housing site, otherwise no alterations to mains or services were found necessary.

Complaints of low supplies have arisen in various parts of the town which have been traced to reduction of the service main capacities due to corrosion in the pipes. Investigations were proceeding at the end of the year in order to give better service to the effected district

Statistics in respect of the Water Supply are as detailed below:-

| | |
|--|---------------|
| Estimated Population supplied from public water mains | 3413 |
| Estimated population not supplied from public water mains | 25 persons. |
| Number of Dwelling Houses or Flats supplied direct into premises | 975 dwellings |
| Number of Dwelling Houses and Farms supplied by means of Stand pipes) | 24 dwellings |
| Estimated population supplied) | 74 persons. |
| Number of premises (Farms) with own piped supplies | 2 |
| Number of Premises (Farms) with no piped supply | 3 |
| Premises supplied from mains and outside Urban District | 11 |

TABLE 3.

Bacteriological Analysis for the year 1949 carried out by H.J.Evans, Public Analyst, The Castle, Carmarthen.

Water taken from domestic taps.

| Date of Sample. | No.of organisms 48 hrs.@ 22°C. | Coli present in ccs 100,50,25,20,10,5,1. | Remarks. |
|-----------------|--------------------------------|--|----------------------|
| 16.3.49. | 41 | Nil | Highly Satisfactory. |
| 11.6.49. | 32 | Nil | ditto |
| 30.8.49. | 39 | Nil | ditto |
| 17.10.49. | 17 | Nil | ditto |
| 8.11.49. | 8 | Nil | ditto |

TABLE 4.

Chemical Analysis:- date of sample 19.7.49.
No. 1 Raw water from river, No. 2 sample after flocculation and filtration but before chlorination, No. 3 as delivered from house taps.

| | <u>Parts per 100,000</u> | | |
|---------------------------------------|--------------------------|---------------|---------------|
| | <u>No. 1.</u> | <u>No. 2.</u> | <u>No. 3.</u> |
| Free Ammonia | 0.003 | Trace | Trace |
| Albuminoid Ammonia | 0.006 | 0.002 | 0.002 |
| Chlorides as Cl ₂ | 1.50 | 1.50 | 1.50 |
| Calculated as Common Salt | 2.48 | 2.48 | 2.48 |
| Total Solids | 17.00 | 17.2 | 17.5 |
| Nitrates | Nil | Nil | Nil |
| Nitrites | 0.014 | Nil | Nil |
| Oxygen consumed at 27°C | | | |
| In 4 hours | 0.162 | 0.079 | 0.077 |
| In 15 minutes | 0.082 | 0.049 | 0.042 |
| Additional Features | | | |
| Lime as CaO | 3.58 | 3.48 | 3.48 |
| Total Alkalinity as CaCO ₃ | 10.00 | 8.0 | 8.0 |
| " Hardness | 10.0 | 10.0 | 10.0 |
| pH value | 7.5 | 6.9 | 6.9 |
| pH S. | 8.0 | 8.1 | 8.1 |
| Saturation Index (Langelier) | -0.5 | -1.2 | -1.2 |
| Colour (Hasen Units) | 10 | 0 | 0 |
| Lead) | | | |
| Copper) | | | Nil |
| Zinc) | | | |

Bacteriological.

| | | | |
|---|-----|-----|-----|
| No. of organisms per cc developed on Agar during 48 hrs. @ 37°C | 16 | 3 | 60 |
| No. of organisms per cc developed on Agar during 48 hrs. @ 22°C | 165 | 22 | 590 |
| Coliform organisms per 100 ccs | 18+ | Nil | Nil |
| Faecal Coli per 100 ccs | 16 | Nil | Nil |

Remarks. A comparison of the foregoing results shews that treatment has removed most of the organic matter and all the colour.

Sterilisation has been effective, and the treated water is fit for drinking and all domestic purposes.

It is slightly corrosive.

TABLE 5.

Water Consumption.
(All Consumers, including Trades)

| <u>Year.</u> | <u>Water Pumped to Service Reservoirs.</u> | <u>Estimated Population served.</u> | <u>Estimated consumption per head per day.</u> |
|--------------|--|-------------------------------------|--|
| 1945 | 77,700,000 | Not known | Not known |
| 1946 | 68,630,000 | 3,000 | 62 |
| 1947 | 66,410,000 | 3,150 | 57 |
| 1948 | 64,100,000 | 3,500 | 50.1 |
| 1949 | 67,490,000 | 3,438 | 51 |

DRAINAGE AND SEWERAGE.

DRAINAGE. The drainage of the town is on the partial separate system, all road waters and a certain volume of roof and yard waters being drained separately into suitably placed water courses.

No flooding of premises occurred. Main road flood prevention work reported on in 1948 was carried out.

The sewer system proved adequate and no proposals are under consideration for construction of relief or other sewers.

SEWERAGE DISPOSAL. The three sewerage disposal works dealt with the purification of sewage to give effluents of moderate condition. River pollution was avoided, although lack of rain fall left the main river and small stream into which effluents pass very low. No loss of fish life was reported.

Alterations at the Rhyddlyndu Disposal Works which receives the major portion of the sewage were proceeded with and the humus settling lagoon formed in 1948 proved of value in the settling out of fine humus particles which now pass out of the filter beds.

A sample of the Rhyddlyndu Works effluent was taken on the 8th July in the middle of the very dry summer period, the analyst's report being as detailed below.

Sample of sewage effluent from Rhyddlyndu Disposal Works at outfall of concrete channel into River Ithon.

Parts per 100,000

| | |
|--|-----------------|
| Odour | Strongly Faecal |
| Free Ammonia | 2.01 |
| Albuminoid Ammonia | 0.32 |
| Oxygen consumed during 2 hours at 27°C | 1.32 |
| Nitrates | Nil |
| Nitrites | Nil |
| Chlorides as chlorine | 6.9 |
| Total solids in solution | 48.0 |
| Solids in suspension | 1.2 |
| Dissolved Oxygen absorbed during 5 days at 18°C (B.O.D) | 26.5 |

Remarks. This effluent does not comply with the General Standard recommended in the Eighth Report on the Royal Commission on Sewage Disposal.

The effluent at that date failed to attain the standard of oxygen demanded, it however satisfied the requirement in respect of suspended matter.

There is no doubt that the high temperature of that period, 70°F on 8th July would leave the water at the source of the water supply of the town deficient in oxygen and the requirement of the Standard would not be attained by the sewage without extensive aeration.

RIVERS AND STREAMS. No action was taken in regard to pollution.

Examinations of streams and water courses were made during the summer period when most were dried up. No pollution by defective foul water drains or connection of foul water drainage to surface water drains was found.

PUBLIC CLEANSING. Collection of household and trade refuse proceeded as in other years by the Council's own staff and vehicles. The method of collection remained the same.

Disposal of refuse was continued at the Llanfawr Fields tip, where the raising of low lying land is being carried out with the intention of the construction of playing fields.

Coverage of the tip surface was carried out with ashes transferred from the incinerator site. Many complaints were received during the summer months from the occupiers of neighbouring houses. Continual action in the destruction of flies and fly breeding was taken with D.D.T. compounds and rat control was judiciously carried out.

Difficulties in the control of the blowing about of paper was experienced in the autumn months but was partially overcome by turf banking.

The collection of waste paper was maintained but in a much reduced form. The tonnage of paper disposed of was 33 tons.

The new refuse collection vehicle, a Karrier Bantam type was put into commission in the spring of the year and worked satisfactorily.

FOOD.

Inspection and Supervision of Food.

| | | |
|--------------|--------------------------------------|------|
| <u>Milk.</u> | Residential Registered Distributors | - 2 |
| | ditto Dairymen Retailers | - 6 |
| | Non-residential " Dairymen Retailers | - 10 |
| | Visits to Cowsheds during the year | - 6 |
| | Visits to dairies during the year | - 6 |

Up to September samples were taken fortnightly by the Ministry of Agriculture testing Laboratories at Brecon and the following results were reported. Samples Taken - 249
Category A. 198. Category B. 14. Category C. 37.

Action taken by the Council in respect of unclean Milk - Nil.

No arrangements had been made at the close of the year for submission of samples in accordance with the requirements of the regulations under the Act. The difficulties to be overcome are the submission of samples for methylene Blue Test to the laboratory within the period of 2 hours without the use of ice box containers.

Meat Inspection. The centralised slaughtering of cattle, and sheep and pigs was continued by the Ministry of Food at the Gordon House Slaughter house in the middle of the town.

Representations were made by the Council to the Ministry for improvements to be carried out and if possible, authority being given to the Council to build a small abattoir. No approvals were forthcoming from the appropriate Ministry and the slaughtering was continued to the end of the year under none to ideal conditions.

Every effort was, however, made by the slaughter house and Ministry Staff to maintain clean conditions.

ANIMALS KILLED. INSPECTED AND CONDEMNED.

| | Cattle Cows. excluding Cows. | Calves. | Sheep and Lambs. | Pigs. |
|--|------------------------------------|---------|------------------------|-------|
| Number killed | 91 | 26 | 3480 | 144 |
| Number inspected | 86 | 14 | 1985 | 102 |
| All diseases except Tuberculosis: | | | | |
| Whole carcasses condemned | 3 | Nil | 37 | 4 |
| Carcasses of which some part or organ condemned | 52 | 2 | 207 | 1 |
| Percentage of the number inspected affected with disease other than tuberculosis | 63.95% | 14.28% | 7.0% | 4.9% |
| | | | of total killed. | |

| Cattle excluding Cows. | Cows. | Calves. | Sheep & Lambs. | Pigs. |
|------------------------------|-------|---------|----------------------|-------|
| | | | | |
| | 3 | Nil | Nil | Nil |
| | 3 | Nil | Nil | 1 |
| | 7% | Nil | Nil | 0.98% |

Tuberculosis only.

Whole carcasses condemned
Carcasses of which some
part or organ was condemned
Percentage of the number
inspected affected with
tuberculosis

3

Nil

Nil

Nil

3

Nil

Nil

1

7%

Nil

Nil

0.98%

The chief diseases necessitating condemnation were of parasitic origin.

Inspection of Shops etc. Inspections have been carried out by the Sanitary Inspector of shops and food preparing places including bakehouses, restaurants and hotel kitchens.

Number of Inspections - - 36

Foods surrendered or condemned and destroyed:-

| | | |
|-------------------|---|----------|
| Canned Foods | - | 276 tins |
| Corned Beef | - | 78 lb. |
| Other Tinned Meat | - | 40 lb. |
| Cheese | - | 63 lb. |
| Bacon | - | 53 lb. |
| Fish | - | 9 stone. |
| Fruit | - | 162 lb. |
| Vegetables | - | 560 lb. |

Ice Cream. Early in the summer of the year inspection and registration of Ice cream preparation and storage for sale, shops was carried out.

The following being registered.

Hot Mix -1premises - 2 gallons for 2 days
Cold Mix -1 ditto - 2 gallons per day.
Storage for Sale - 10 ditto.

Later in the year 1 further registration was made for storage for sale.

Twenty four inspections of the registered Ice Cream premises were carried out and on each occasion conditions and equipment were found to be satisfactory.

Adulteration of Foods. The Administration of the Acts dealing with the adulteration of food is carried out by the Officers of the Radnorshire County Council, and no particulars are available to my Council.

Food Poisoning Outbreaks. No cases of food poisoning occurred during the year.

Clean Food Campaigns. A Civic Health Exhibition was held in conjunction with the Ministry of Agriculture and Fisheries from June 24th to 29th. It was estimated at between 2,000 and 3,000 persons visited the exhibition which comprised descriptive and educational stands dealing with (i) Meat, (ii) Ice Cream, (iii) Local Government, (iv) Infestation Control, (v) Public Health Laboratory Service, (vi) Water Supply, (vii) Refuse Removal and Salvage, (viii) Clean Milk Production (ix) Maternity and Child Welfare (x) Insect Pests, (xi) Food Storage, (xii) Clean Drainage, (xiii) Parks and Recreation Display.

The exhibition was well received by the public and acclaimed as successful.

INFECTIOUS AND OTHER DISEASES.

Cases of notifiable infectious diseases occurred during the twelve months. No cases were transferred to isolation hospitals and the cases arising were isolated at home.

NOTIFIABLE DISEASES DURING 1949.

| Disease. | Total cases notified. | Cases Admitted to Hospital. | Total Deaths. |
|--------------------------------------|-----------------------|-----------------------------|---------------|
| Small Pox | - | - | - |
| Scarlet Fever | 1 | - | - |
| Diphtheria | - | - | - |
| Enteric Fever | - | - | - |
| Puerperal Fever | - | - | - |
| Puerperal Pyrexia | - | - | - |
| Pneumonia | - | - | - |
| Other Diseases generally notifiable. | - | - | - |
| Acute Poliomyelitis. | - | - | - |
| Totals | 1 | Nil | Nil |

CANCER. No action taken.

BLINDNESS. No action taken.

TUBERCULOSIS. The requirements of the Public Health (Tuberculosis) Regulations 1930 have been carried out.

No action has been taken under the special powers given to local authorities under these regulations.

No applications were made under Section 172 of the Public Health Act, 1936 for the removal to hospital of persons suffering from tuberculosis of the respiratory tract.

TUBERCULOSIS. NEW CASES AND MORTALITY
DURING 1949.

| | New cases. | | | | Deaths. | | | |
|-----------|--------------------|-----------|--------------------|-----------|--------------------|-----------|-------------------|-----------|
| | Respiratory. M. | Non F. | Respiratory. M. | Non F. | Respiratory. M. | Non F. | Respiratory M. | Non F. |
| 0 | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - |
| 5 | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - |
| 35 | - | - | 1 | - | - | - | - | - |
| 45 | - | - | - | - | - | - | - | - |
| 55 | - | - | - | - | - | - | - | - |
| 65 and up | - | - | - | - | - | - | - | - |
| Totals | Nil | Nil | 1 | Nil | Nil | Nil | Nil | Nil |

DIPHTHERIA IMMUNISATION.

The number of children immunised for Diphtheria during the year was - 24 as follows:-

| <u>Age Group.</u> | <u>No.</u> | <u>Estimated Child Population.</u> |
|-------------------|------------|------------------------------------|
| Under 1 year | 8) | |
| Age 1 year | 15) | 229 |
| " 2 years | -) | |
| " 3 years | -) | |
| " 4 years | -) | |
| " 5 to 9 years | 1) | 351 |
| " 10 to 14 years | -) | |

HOUSING.

1. Inspection of Dwelling Houses during the year:-

| | | |
|---|-----|-----|
| 1. (a) Total number of dwelling houses inspected for housing defects (Under Public Health & Housing Acts) | ... | 38 |
| (b) Number of inspections made for the purpose | ... | 46 |
| 2. (a) No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation | ... | Nil |
| (b) No. of dwelling houses rendered fit as a result of informal action | ... | 18 |
| (c) No. of dwelling houses found not to be in all respects reasonably fit for human habitation | ... | 21 |
| (d) No. of Statutory Notices issued requiring remedy of housing defects | ... | 5 |
| (e) No. of dwelling houses rendered fit as a result of Statutory Notices | ... | 1 |
| (f) No. of dwelling houses in respect of which complaints made to Justices | ... | 2 |
| (g) Result of complaint to Justices. Agents for properties wrote to justices promising immediate action, and the defects were remedied within 14 days | ... | |
| (h) Statutory notices outstanding at end of year | ... | 2 |

No additional cases of overcrowding were found during the year.

Properties held under requisition for housing of inadequately housed at end of year - 1.

Number of new houses erected during the year:-

- (a) By the Council with State Grant - 17
- (b) By private persons - Nil

Number of new dwellings provided during year by conversion of properties into flats:-

- (a) By the Council - Nil
- (b) By private persons - 20

SANITARY INSPECTION OF THE AREA.

SUMMARY OF THE WORK OF THE SANITARY INSPECTOR DEPARTMENT.

Total Number of Inspections and Visits made - 286

| | | | |
|--------------------------------|-----|----------------------------|-----|
| <u>Nuisances.</u> | | <u>Moveable Dwellings</u> | |
| No. of Visits re. nuisances. | 39 | - Registered | Nil |
| Visits re. Works in progress. | 8 | <u>Bakehouses</u> | |
| Notices Issued. | | No. in use | 4 |
| (a) Informal letters. | 42 | No. of inspections | 12 |
| (b) Informal Notices. | 8 | | |
| (c) Statutory. | 2 | <u>Lodging Houses</u> | |
| Notices and letters | | No. Registered | Nil |
| complied with. | 40 | <u>Offensive Trades</u> | |
| Outstanding. | Nil | No. Registered. | Nil |
| Legal Proceedings. | 2 | | |
| <u>Housing.</u> | | <u>Water Supply</u> | |
| Inspections as per report. | 46 | No. of Samples taken | 8 |
| <u>Food Preparing Places.</u> | | No. found polluted | Nil |
| No. of Inspections. | 36 | Houses & flats connected | |
| | | to supply | 975 |
| <u>Slaughter Houses etc.</u> | | New Houses connected | 17 |
| No. of Visits (Approx.) | 109 | New connections to houses | 4 |
| No. of condemnations | 306 | | |
| No. of seizures of unsound | | <u>Infectious Diseases</u> | |
| food. | Nil | No. of Inquiries | 3 |
| <u>Dairymen.</u> | | No. taken to Hospital | Nil |
| No. registered. | 6 | No. of houses disinfected | 1 |
| No. of inspections. | 4 | Bedding and clothing | Nil |
| No. of retailers. | 18 | No. of houses disinfected | |
| No. of milk samples under | | re. fleas and lice etc. | 2 |
| Ministry of Agriculture Scheme | 249 | | |
| No. of Category A | 198 | <u>House Drainage</u> | |
| No. of Category B | 14 | No. laid or relaid | Nil |
| No. of Category C | 37 | No. cleansed. | 19 |
| <u>Dairies.</u> | | | |
| No. registered | 2 | <u>Water Closets etc.</u> | |
| No. of inspections. | 4 | No. improved or repaired | 3 |
| | | No. of Bucket Closets | |
| | | in District | 8 |
| | | No. of Cess Pools in | |
| | | District | 1 |
| | | No. of Earth Closets | |
| | | in District. | 2 |

CAMPING SITES.

1. Number of Sites in Area for camping purposes during 1949 - 1
2. Number of sites requiring to be licensed in accordance with Public Health Act - Nil
3. The estimated maximum number of campers in the area at one time during the summer of 1949 would be - 50

SMOKE ABATEMENT. No action taken.

SWIMMING BATHS AND POOLS. There is one privately owned Swimming Pool in the town and it was in general use during the summer period.

Checks on chlorination and inspections were carried out at weekly intervals. The analyst's report on sample taken in August is as detailed below.

Taken from Swimming Pool at Metropole Hotel. Filtered and Chlorinated.

CHEMICAL EXAMINATION.

| | Parts per 100,000 |
|---|--------------------------|
| Free Ammonia | 0.022 |
| Albuminoid Ammonia | 0.014 |
| Chlorides at $C1_2$ | 12.2 |
| Calculated as Common Salt | 20.2 |
| Total Solids | 42.2 |
| Nitrates | 0.06 |
| Nitrites | Nil |
| Oxygen Consumed at $27^{\circ}C$ in 4 hours | 0.035 |
| Free chlorine | 0.7 parts per million |

BACTERIOLOGICAL EXAMINATION.

| | |
|---|-----|
| No. of organisms per cc developed on Agar during 48 hours at $37^{\circ}C$ | 0 |
| ditto during 48 hrs. at $22^{\circ}C$ | 0 |
| Coliform organisms per 100 ccs | Nil |
| Faecol Coli per 100 ccs | Nil |

Remarks:- This sample was of good organic purity and completely sterile.

The free chlorine was in excess of amount recommended by the Ministry of Health.

RODENT CONTROL WORK.

Premises.

| | |
|-------------------------|-------|
| No. of inspections made | - 541 |
| Premises found infested | - 25 |
| Treatments carried out | - 22 |
| Dead Rats picked up | - 33 |

Sewer Treatments. Maintenance treatment of sewers was carried out in September, 1949.

| | |
|-------------|---------------------------|
| 77 Manholes | were baited. |
| 15 ditto | shewed presence of rats. |
| 9 ditto | shewed poison bait takes. |

The Assistant Sanitary Inspector carried out duties as Rodent Inspector and operative under the Ministry of Food Scheme.
